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September 22, 1959

ILLEGIB

Dear Phil,

Enclosed is a list of spare parts for the RS-16B Field Unit which are being delivered under Task 10, RD103. In addition to the delivered items listed, a second store of parts for the coder assembly will be retained at [] to facilitate the repair of that unit. A list of items retained is included.

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The starred items on the list of delivered material are supplied as part of a completed field unit. A fully assembled unit was furnished, since all the required parts, such as the wired chassis and case were available from the pre-production engineering model made up to check the drawings. Numerous additional parts, such as the chassis, carrying case, meters and switches contained in the completed unit are not listed separately.

Certain parts appearing on the earlier list of spares agreed to by [] and the Government have been deleted. These are all spare coder parts that have been found to be unnecessary or prohibitively expensive to obtain in the small quantities required. On the earlier list, Item 12 called for delivery of twelve (12) commutator brush assemblies. It has been found in subsequent investigation of commutator problems that replacement of the brush assembly normally will not improve the performance of a defective commutator. A second item deleted is Item 18, calling for two (2) reading head assemblies. The spares originally ordered were required for the eleven (11) deliverable models to replace heads displaying poor performance characteristics. To order two additional units would be quite expensive. If the need for a replacement unit does occur, it is possible to modify a reading head from the RS-16A Coder to fit. Item 13 lists three (3) governor assemblies as spare parts. The parts for the governors are on hand, but not assembled, since it is usually possible to re-use parts from the defective unit in the rebuilt assembly.

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Delivery of these spare parts constitutes the completion of delivery of equipment under Task 10. For contractual purposes, it would be desirable to bail the coder parts retained by [] to Task 5, RD-103.

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DOC	23	REV DATE	7 APR 62	BY	064540
ORIG COMP	156	ON	56	TYPE	01
ORIG CLASS	5	PAGES	3	REV CLASS	C
JUST	22	DATE REV	2010	AGENCY	WD 100

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Spare Parts for 10 RS-16B Field Units to be delivered:

Item	Quantity	
* 1	1	Power Amplifier
* 2	1	Exciter
3	1	Exciter
* 4	1	Stepping Oscillator
* 5	1	Keyer
* 6	1	Coder
7	1	Coder
* 8	1	High Voltage Power Supply
* 9	1	Low Voltage Power Supply
* 10	1	Receiver
* 11	1	Battery Box
12	3	Dial Assembly
13	20	Ground Stakes
14	4	Ground Plane Assemblies
15	6	Antennas
16	10	Case Gaskets

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Spare Parts for RS-16B Field Units to be retained by



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Item	Quantity	
1	3	Commutator
2	10	Escapement Trigger
3	1	Tape Supply Reel
4	1	Tape Feed Reel
5	3	Governor Assemblies (unmodified)
6	12	Escapement Return Spring

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